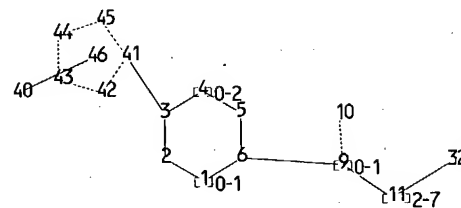
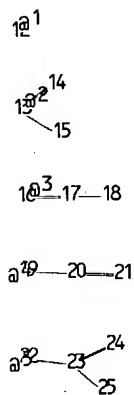
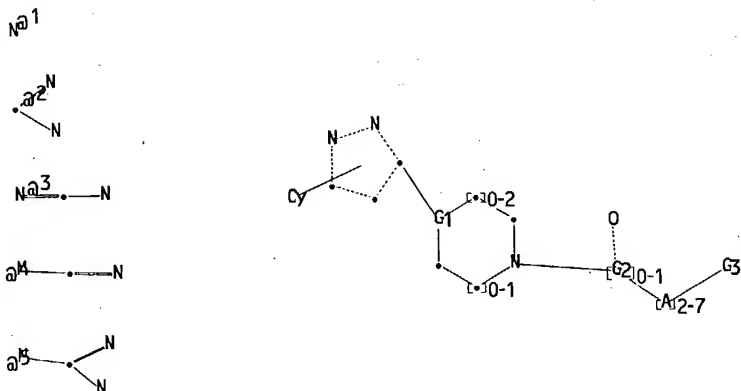


L Number	Hits	Search Text	DB	Time stamp
1	3591	((546/211) or (546/194) or (514/326) or (514/318)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 18:20
2	2018146	2003.py. or 2004.py.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 18:20
3	424	((546/211) or (546/194) or (514/326) or (514/318)).CCLS.) and (2003.py. or 2004.py.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 18:20



chain nodes :

9 10 11 16 32 40

ring nodes :

1 2 3 4 5 6 41 42 43 44 45

ring/chain nodes :

12 13 14 15 17 18 19 20 21 22 23 24 25

chain bonds :

3-41 6-9 9-11 9-10 11-32 13-14 13-15 16-17 17-18 19-20 20-21 22-23 23-24 23-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 41-42 41-45 42-43 43-44 44-45

exact/norm bonds :

1-2 1-6 2-3 3-4 3-41 4-5 5-6 6-9 9-11 9-10 11-32 13-14 13-15 16-17 17-18  
19-20 20-21 22-23 23-24 23-25 41-42 41-45 42-43 43-44 44-45

isolated ring systems :

containing 1 : 41 :

G1:C,N

G2:C,S

G3: Cy, [\*1], [\*2], [\*3], [\*4], [\*5]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS  
22:CLASS 23:CLASS 24:CLASS 25:CLASS 32:CLASS 40:Atom 41:CLASS 42:CLASS 43:CLASS  
44:Atom 45:CLASS 46:CLASS

Generic attributes :

40:  
Saturation : Unsaturated  
Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2  
Type of Ring System : Monocyclic

Element Count :

Node 40: Limited

C,C4-6

O,O0

S,S0

N,N0-1

=&gt;

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE .

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=&gt; FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'REGISTRY' ENTERED AT 18:00:25 ON 03 FEB 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 FEB 2004 HIGHEST RN 645336-91-0  
DICTIONARY FILE UPDATES: 2 FEB 2004 HIGHEST RN 645336-91-0

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=&gt;

Uploading 10024665 (formula i).str

L1 STRUCTURE UPLOADED

=&gt; d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1 sss sam

SAMPLE SEARCH INITIATED 18:00:51 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 18055 TO ITERATE

10/024,665 (af)

5.5% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 353062 TO 369138  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful  
FULL SEARCH INITIATED 18:01:01 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 359439 TO ITERATE

100.0% PROCESSED 359439 ITERATIONS  
SEARCH TIME: 00.00.05

31 ANSWERS

L3 31 SEA SSS FUL L1

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L4 10 L3

=> d l4 1-10 bib,ab,hitstr

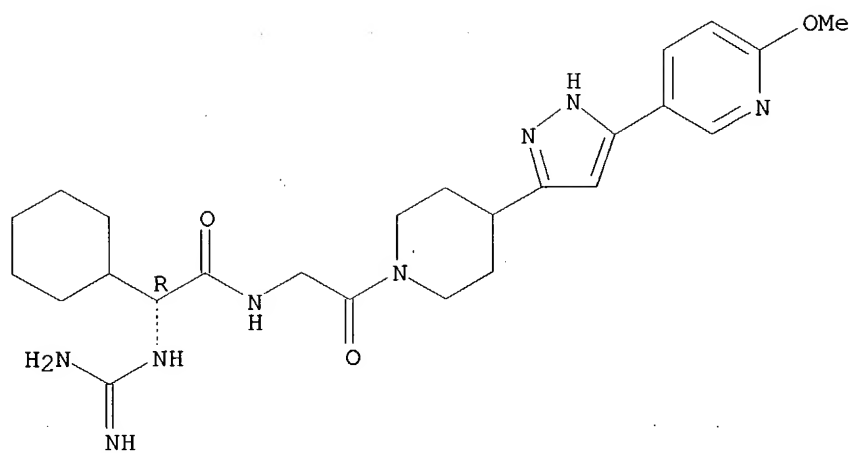
L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:491149 CAPLUS  
 DN 139:69524  
 TI Preparation of small-molecule inhibitors of interleukin-2  
 IN Arkin, Michelle R.; McDowell, Robert S.; Oslob, Johan D.; Raimundo, Brian  
 C.; Waal, Nathan D.; Yu, Chul Hyun  
 PA Sunesis Pharmaceuticals, Inc., USA  
 SO PCT Int. Appl., 98 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

*Appl  
PCT*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003051797	A2	20030626	WO 2002-US40430	20021217
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003149049	A1	20030807	US 2001-24665	20011217
PRAI	US 2001-24665	A	20011217		
OS	MARPAT 139:69524				
AB	The invention describes compds. I [B = CH <sub>2</sub> CH <sub>2</sub> , CH <sub>2</sub> CH <sub>2</sub> NH, CH <sub>2</sub> OCH <sub>2</sub> , CONH, CO, SO, SO <sub>2</sub> NH, etc.; J = absent, S, CH <sub>2</sub> O, NH, CO, etc.; B = amino, amidino, (un)substituted Ph, naphthyl, cycloalkyl, heterocyclyl, etc.; A = N or CH; X = null, CH <sub>2</sub> or CH <sub>2</sub> CH <sub>2</sub> , which may be substituted; Y = null or CH <sub>2</sub> ; R = (un)substituted Ph, pyridyl, cyclopentadienyl, pyrrolyl, furyl, or thienyl; R <sub>1</sub> = H, alkyl, haloalkyl, cycloalkyl; R <sub>2</sub> = H and R <sub>3</sub> = H, (cyclo)alkyl, halo, alkoxy, etc. or CR <sub>2</sub> R <sub>3</sub> = CO; R <sub>4</sub> = H, OH, alkoxy, (cyclo)alkyl, halo, haloalkyl] and amino acid derivs. II [same B, J, and M; R <sub>5</sub> = (un)substituted phenyl; R <sub>6</sub> , R <sub>7</sub> = H, CN, NO <sub>2</sub> , Ph, PhO, PhCH <sub>2</sub> , (cyclo)alkyl, etc.; R <sub>8</sub> = H, (cyclo)alkyl, aryl, acetylaminoalkyl, etc.] which IL-2/IL-2R binding and are useful for the treatment of interleukin-2 mediated diseases, such as autoimmune diseases (such as rheumatoid arthritis, multiple sclerosis, uveitis, and psoriasis), allograft rejection, and graft-vs.-host disease. Thus, H <sub>2</sub> NC(:NH)-D-Ala-Gly-(4- PhC.tplbond.C-L-Phe)-OMe was prepd. coupling/deprotection reactions of 4-phenylethynyl-substituted phenylalanine Me ester hydrochloride with Boc-glycine (Boc = tert-butoxycarbonyl), Boc-D-alanine, and 1-pyrazolyl-C(:NBoc)NHBoc.				
IT	<b>550377-14-5P</b> RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of small-mol. inhibitors of interleukin-2)				
RN	550377-14-5 CAPLUS				
CN	Cyclohexaneacetamide, .alpha.-[(aminoiminomethyl)amino]-N-[2-[4-[5-(6- methoxy-3-pyridinyl)-1H-pyrazol-3-yl]-1-piperidinyl]-2-oxoethyl]-, (.alpha.R)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

10/024,665 (af)



L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:333277 CAPLUS  
 DN 139:62616  
 TI A 3D QSAR Study on a Set of Dopamine D4 Receptor Antagonists  
 AU Bostroem, Jonas; Boehm, Markus; Gundertofte, Klaus; Klebe, Gerhard  
 CS H. Lundbeck A/S, Copenhagen-Valby, DK-2500, Den.  
 SO Journal of Chemical Information and Computer Sciences (2003), 43(3),  
 1020-1027

CODEN: JCISD8; ISSN: 0095-2338

PB American Chemical Society

DT Journal

LA English

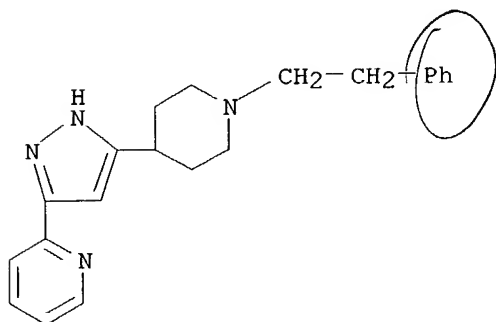
AB The mol. alignments obtained from a previously reported pharmacophore model have been employed in a three-dimensional quant. structure-activity relationship (3D QSAR) study, to obtain a more detailed insight into the structure-activity relationships for D2 and D4 receptor antagonists. The frequently applied CoMFA method and the related CoMSIA method were used. Statistically significant models have been derived with these two methods, based on a set of 32 structurally diverse D2 and D4 receptor antagonists. The CoMSIA and the CoMFA methods produced equally good models expressed in terms of  $q^2$  values. The predictive power of the derived models were demonstrated to be high. Graphical interpretation of the results, provided by the CoMSIA method, brings to light important structural features of the compds. related to either low- or high-affinity D2 or D4 antagonism. The results of the 3D QSAR studies indicate that bulky N-substituents decrease D2 binding, whereas D4 binding is enhanced. Electrostatically favorable and unfavorable regions exclusive to D2 receptor binding were identified. Likewise, certain hydrogen-bond acceptors can be used to lower D2 affinity. These observations may be exploited for the design of novel dopamine D4 selective antagonists.

IT 156337-22-3 184374-56-9 184374-60-5

RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (3D QSAR study on set of dopamine D4 receptor antagonists)

RN 156337-22-3 CAPLUS

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 (CA INDEX NAME)

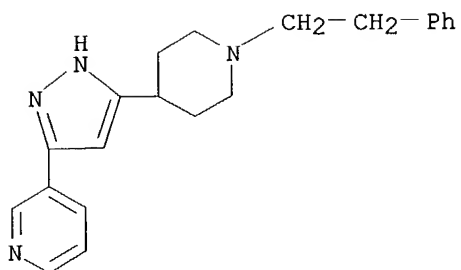


RN 184374-56-9 CAPLUS

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 (CA INDEX NAME)

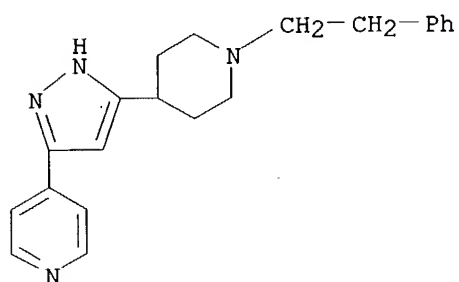


10/024,665 (af)



RN 184374-60-5 CAPLUS

CN Pyridine, 4-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI)  
(CA INDEX NAME)



RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:150531 CAPLUS  
 DN 138:187765  
 TI Preparation of heteroarylpyrazoles as p38 kinase inhibitors  
 IN Anantanarayan, Ashok; Clare, Michael; Collins, Paul W.; Crich, Joyce  
 Zuowu; Devraj, Rajesh; Flynn, Daniel L.; Geng, Lifeng; Graneto, Matthew  
 J.; Hanau, Cathleen E.; Hanson, Gunnar J.; Hartmann, Susan J.; Hepperle,  
 Michael; Huang, He; Koszyk, Francis J.; Liao, Shuyuan; Metz, Suzanne;  
 Partis, Richard A.; Perry, Thao D.; Rao, Shashidhar N.; Selness, Shaun  
 Raj; South, Michael S.; Stealey, Michael A.; Talley, John Jeffrey;  
 Vazquez, Michael L.; Weier, Richard M.; Xu, Xiangdong; Khanna, Ish K.; Yu,  
 Yi

PA G.D. Searle and Co., USA  
 SO U.S., 415 pp., Cont.-in-part of U.S. Ser. No. 196,623.  
 CODEN: USXXAM

DT Patent  
 LA English

FAN.CNT 4

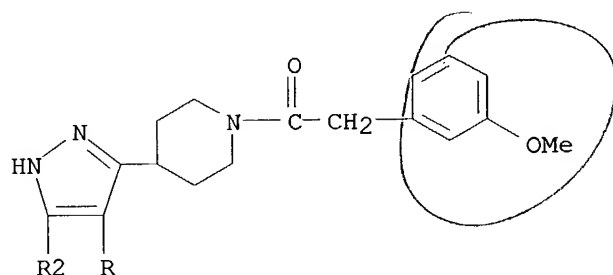
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6525059	B1	20030225	US 2000-513351	20000224
	US 6514977	B1	20030204	US 1998-196623	19981120
	WO 2000031063	A1	20000602	WO 1999-US26007	19991117
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	CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				
	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,				
	MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,				
	SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,				
	BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1998-196623	A2	19981120		
	WO 1999-US26007	A1	19991117		
	US 1997-47570P	P	19970522		
	US 1998-83670	A2	19980522		
OS	MARPAT 138:187765				
AB	Title compds. [I; R1 = H, OH, NH2, (cyclo)alk(en)yl, acyl, aryl, etc.; R2 = (un)substituted piperidinyl; R3 = (un)substituted pyrimidinyl; R4 = (un)substituted Ph; and pharmaceutically acceptable salts or tautomers thereof] were prepd. by soln. phase and solid phase parallel array reactions of ketones with hydrazines. Thus, R3CH2COMe (R3 = 4-pyridinyl) was condensed with 3,4-F(MeO)C6H3CHO to give the butenone (80%), which was cyclocondensed with TsNHNH2 to afford the title compd. II (20.7%). The latter inhibited human p38 kinase activity in vitro with IC50 of 4.6 .mu.M and inhibited tumor necrosis factor .alpha. (TNF.alpha.) and interleukin 1.beta. (IL-1.beta.) release from human peripheral blood mononuclear cells following stimulation with lipopolysaccharide with IC50 of 0.5 .mu.M. Thus, I are useful for the treatment of inflammation, arthritis, asthma, and other disorders mediated by p38 kinase and TNF.alpha..				
IT	216523-75-0P 216523-79-4P 216523-84-1P 216523-85-2P 216523-87-4P 216524-32-2P 216524-96-8P 216525-00-7P 216525-02-9P 216525-57-4P 216525-69-8P 216525-71-2P 216525-72-3P 271576-62-6P RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)				

10/024,665 (af)

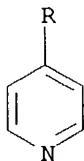
(p38 kinase inhibitor; prepn. of heteroarylpyrazole p38 kinase inhibitors by cyclocondensation of hydrazines with ketones)

RN 216523-75-0 CAPLUS

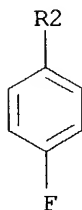
CN Piperidine, 4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-1-[(3-methoxyphenyl)acetyl]- (9CI) (CA INDEX NAME)



PAGE 1-A



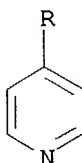
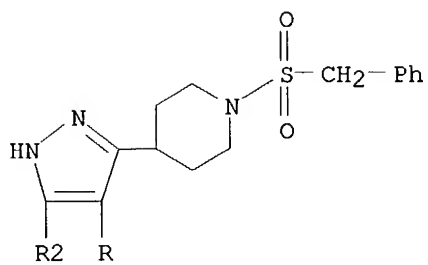
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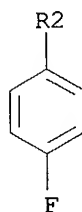
RN 216523-79-4 CAPLUS

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PAGE 1-A

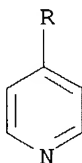
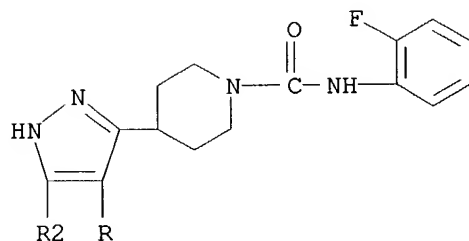


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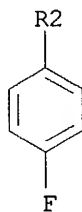


RN 216523-84-1 CAPLUS  
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PAGE 1-A

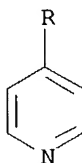
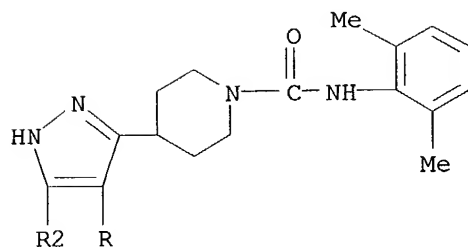


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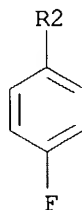


RN 216523-85-2 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(2,6-dimethylphenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A

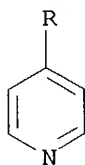
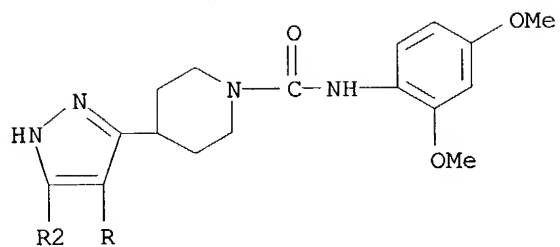


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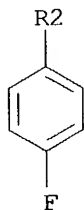


RN 216523-87-4 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(2,4-dimethoxyphenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A

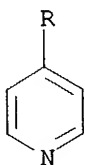
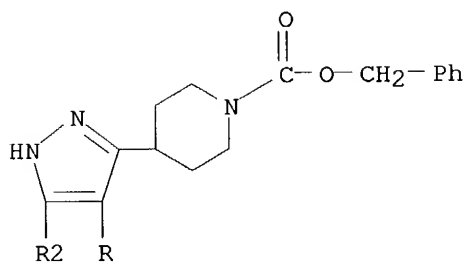


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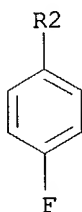


RN 216524-32-2 CAPLUS  
 CN 1-Piperidinecarboxylic acid, 4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



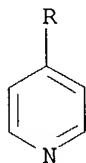
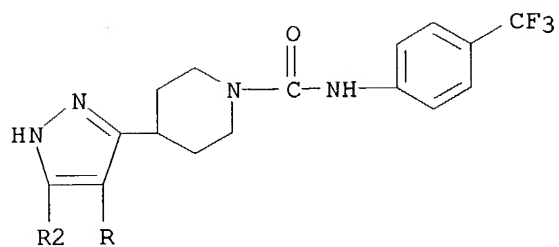
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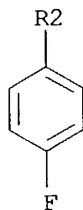
RN 216524-96-8 CAPLUS  
 CN 1-Piperidinecarboxamide, 4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



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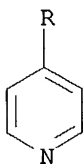
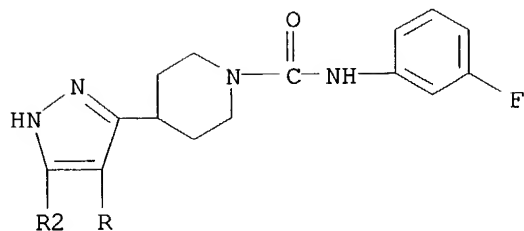


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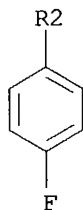


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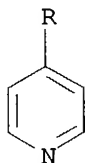
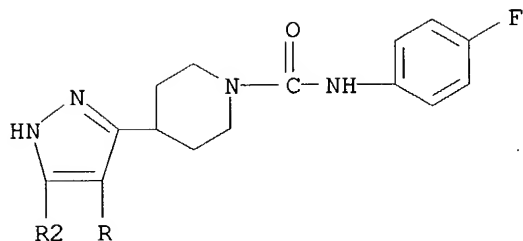


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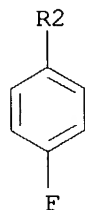


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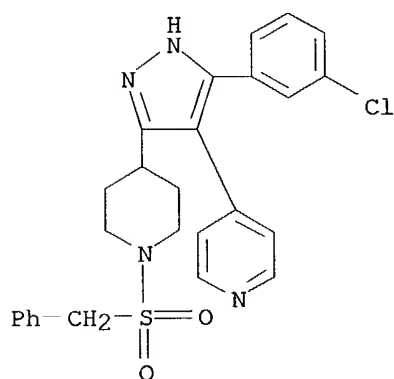
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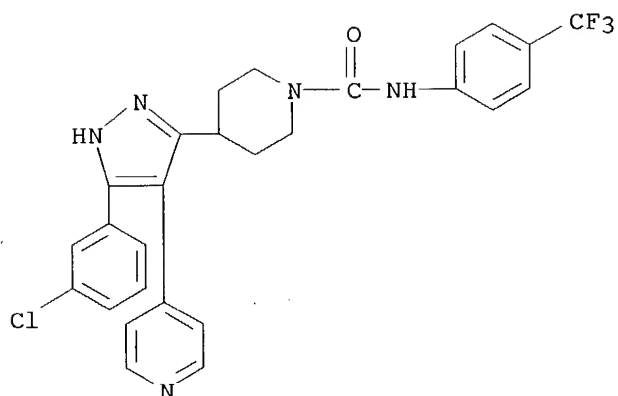
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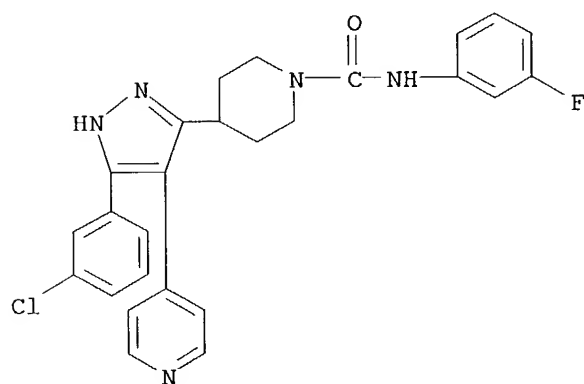


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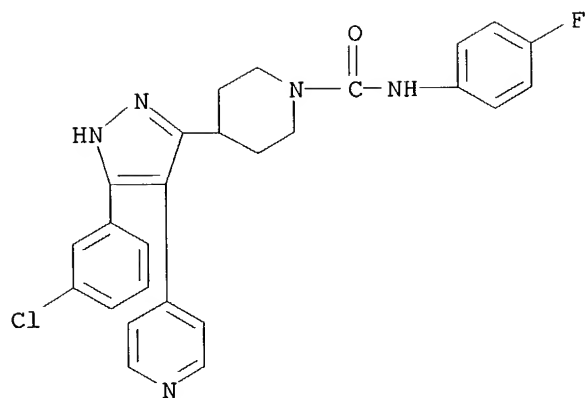
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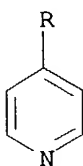
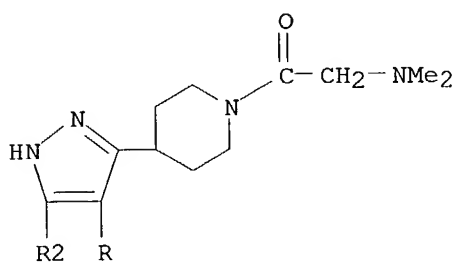
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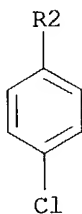


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 [(dimethylamino)acetyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



RE.CNT 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:92403 CAPLUS

DN 138:137307

TI Preparation of heteroarylpyrazoles as p38 kinase inhibitors

IN Anantanarayan, Ashok; Clare, Michael; Collins, Paul W.; Crich, Joyce  
 Zuowu; Devraj, Rajesh; Flynn, Daniel L.; Geng, Lifeng; Graneto, Matthew  
 J.; Hanau, Cathleen E.; Hanson, Gunnar J.; Hartmann, Susan J.; Hepperle,  
 Michael; Huang, He; Koszyk, Francis J.; Liao, Shuyuan; Metz, Suzanne;  
 Partis, Richard A.; Perry, Thao D.; Rao, Shashidhar N.; Selness, Shaun  
 Raj; South, Michael S.; Stealey, Michael A.; Talley, John Jeffrey;  
 Vazquez, Michael L.; Weier, Richard M.; Xu, Xiangdong; Khanna, Ish K.; Yu,  
 Yi

PA G.D. Searle and Co., USA

SO U.S., 541 pp., Cont.-in-part of U.S. Ser. No. 83,670.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	US 6525059	B1	20030225	US 2000-513351	20000224
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	US 1998-83670	A2	19980522		
	US 1998-196623	A	19981120		
	WO 1999-US26007	W	19991117		
	US 2001-918481	A3	20010731		
OS	MARPAT 138:137307				
AB	Title compds. [I; R1 = H, OH, NH2, (cyclo)alk(en)yl, acyl, aryl, etc.; R2 = (un)substituted piperidinyl or piperazinyl; R3 = (un)substituted pyrimidinyl; R4 = (un)substituted Ph; and pharmaceutically acceptable salts or tautomers thereof] were prep'd. by soln. phase and solid phase parallel array reactions of ketones with hydrazines. Thus, R3CH2C(=O)Me (R3 = 4-pyridinyl) was condensed with 3,4-F(MeO)C6H3CHO to give the butenone (80%), which was cyclocondensed with TsNHNH2 to afford the title compd. II (20.7%). The latter inhibited human p38 kinase activity in vitro with IC50 of 4.6 .mu.M and inhibited tumor necrosis factor .alpha. (TNF.alpha.)				

and interleukin 1.β. (IL-1.β.) release from human peripheral blood mononuclear cells following stimulation with lipopolysaccharide with IC50 of 0.5 .μ.M. Thus, I are useful for the treatment of inflammation, arthritis, asthma, and other disorders mediated by p38 kinase and TNF.α.

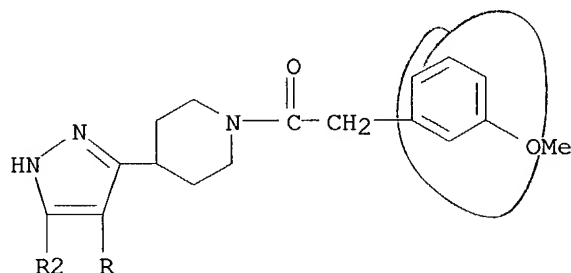
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216525-57-4P 216525-69-8P 216525-71-2P  
216525-72-3P 271576-62-6P

RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)

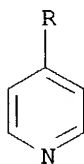
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RN 216523-75-0 CAPLUS

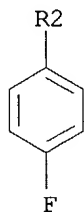
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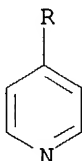
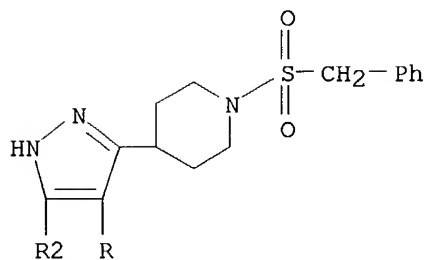
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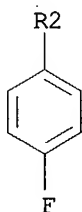
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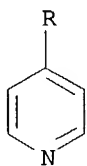
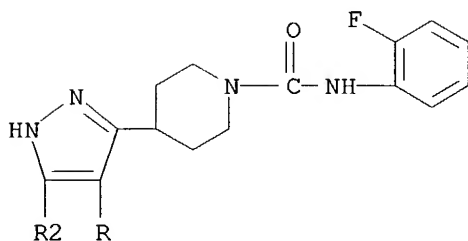
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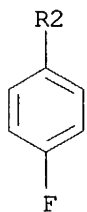
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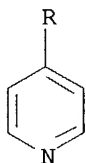
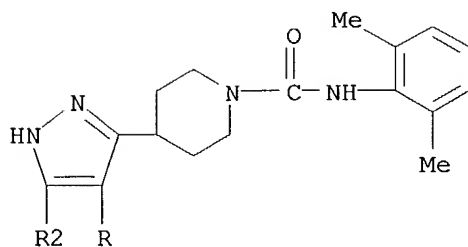


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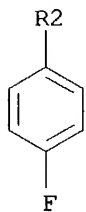


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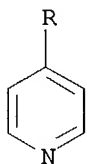
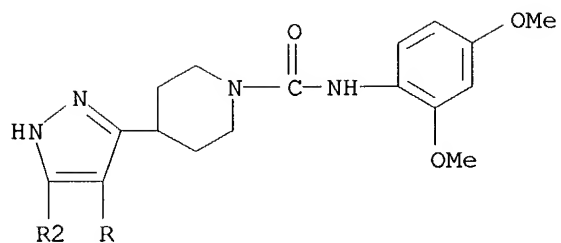


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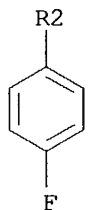


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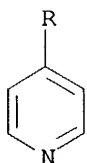
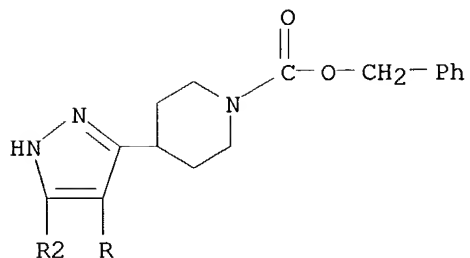


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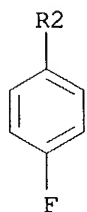


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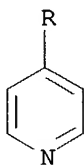
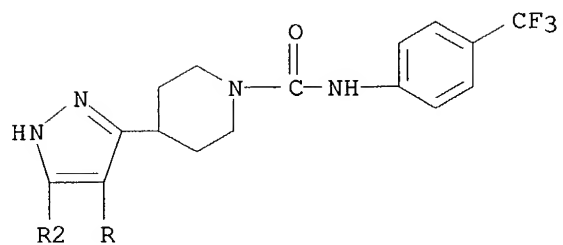


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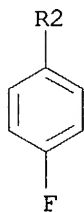


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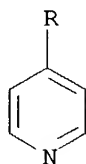
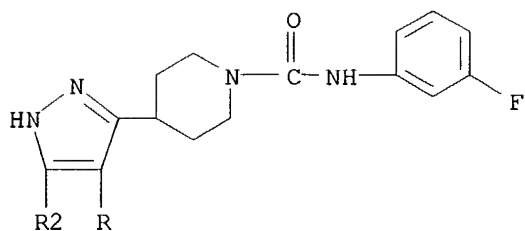


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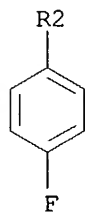


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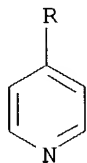
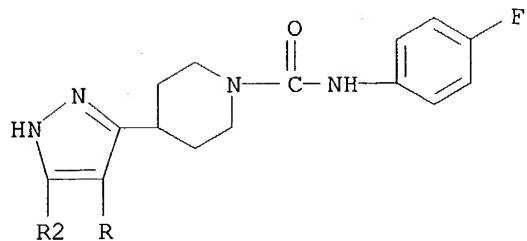


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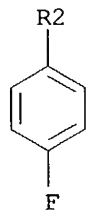


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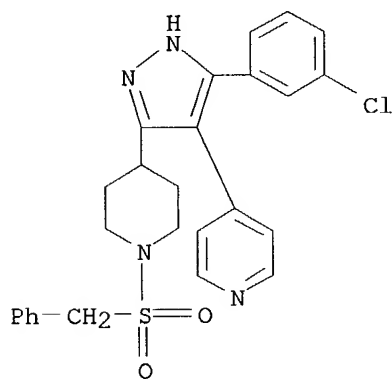
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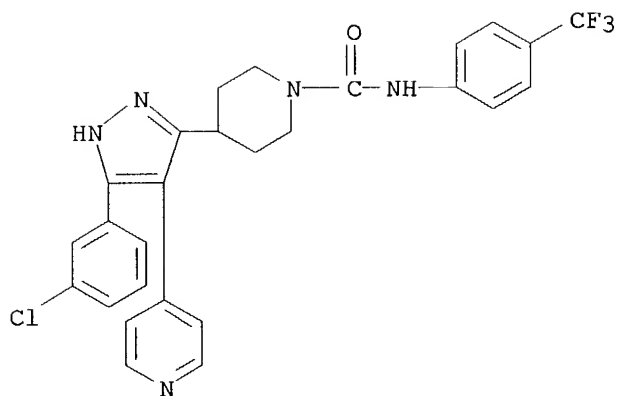
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RN 216525-57-4 CAPLUS  
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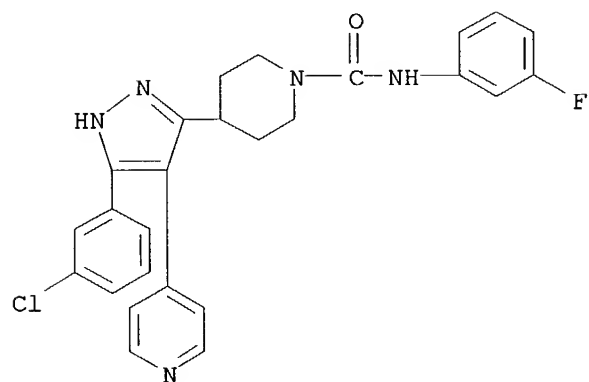


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RN 216525-71-2 CAPLUS

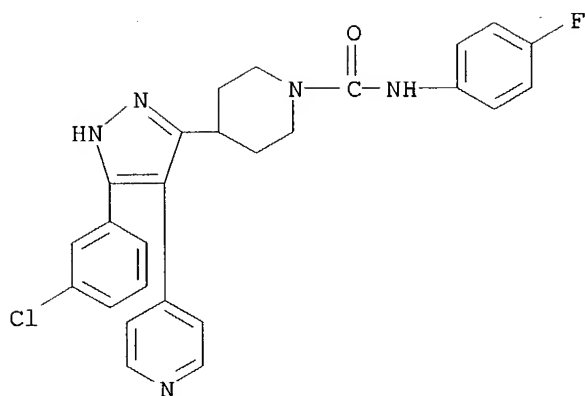
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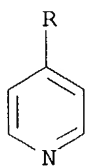
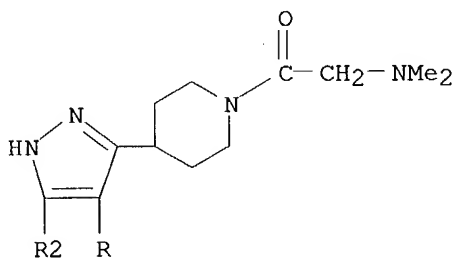
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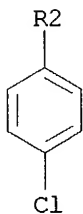


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 [(dimethylamino)acetyl]- (9CI) (CA INDEX NAME)

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RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:832793 CAPLUS  
 DN 137:337886  
 TI Preparation of pyrazolyl- and isoxazolylpyridinium halides for treatment  
 of aging-related and diabetic vascular complications  
 IN Sankaranarayanan, Alangudi  
 PA India  
 SO PCT Int. Appl., 180 pp.  
 CODEN: PIXXD2  
 DT Patent  
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	WO 2002-IB1137	W	20020402		
OS	MARPAT 137:337886				
AB	<p>Title compds. I.bul.X- [wherein R1 = H or (un)substituted (heterocyclo)alkyl, alkenyl, (bi)cycloalkyl, (bi)cycloalkenyl, (hetero)aryl, or (hetero)aralkyl; Y = alkyl-Z or alkyl; Z = S, O, or N; A and B = independently NH, NR6, S, O, or C; R2, R3, and R4 = independently H, halo, NO2, N:CR8R9, NR8R9, OR8, perhaloalkyl, CONR7R9, COR8, CO2R8, OCOR8, NHCOR8, or (un)substituted (heterocyclo)alkyl, alkenyl, (bi)cycloalkyl, (bi)cycloalkenyl, (hetero)aryl, or (hetero)aralkyl; R5 = null or (un)substituted (cyclo)alkyl, (cyclo)alkenyl, bicycloalkyl, CH2COR7, CH2CONHR8, CH2CONR8R9, or CH2CO2R7; R6 and R7 = independently (un)substituted alkyl, perhalo(cyclo)alkyl, (alkyl)cycloalkyl, (hetero)aryl, (hetero)aralkyl, alkyl(hetero)aryl, aralkoxyalkyl, acyl, benzoyl, alkoxyalkyl, thioalkyl, thioaryl, etc.; R8 and R9 = independently (un)substituted (perhalo)alkyl, (perhalo)cycloalkyl, alkoxy(cyclo)alkyl, alkoxyaryl, heterocycloalkyl, etc.; and pharmaceutically or cosmetically acceptable salts thereof] were prepd. I.bul.X- act by triple action of an AGE (advanced glycation endproducts) breaker, AGE inhibitor, and free radical scavenger. For example, 3-acetylpyridine was added to Et 3,5-dimethylpyrazolylacetate to give the butane-1,3-dione, which was then cyclized with hydrazine in MeOH to afford 3-[3-(3,5-dimethylpyrazol-1-ylmethyl)pyrazol-5-yl]pyridine. Quaternization with .alpha.-bromo-2-acetylthiophene in IPA produced the pyridinium bromide (II.bul.Br-). Representative compds. of the invention exhibited AGE breaking activity between 42.37% and 100% at concns. of 10 mM, inhibited AGE activity between 55.22% and 82.5% at concns. of 5 mM, and displayed free radical scavenging activity on ABTS between 29.40% and 99.71% at concns. of 100</p>				

.mu.M. Thus, I.bul.X- are useful for therapeutic and cosmetic applications, particularly in the management of aging-related and diabetic vascular complications (no data). Pharmaceuticals and cosmetic compns. comprising I are also disclosed.

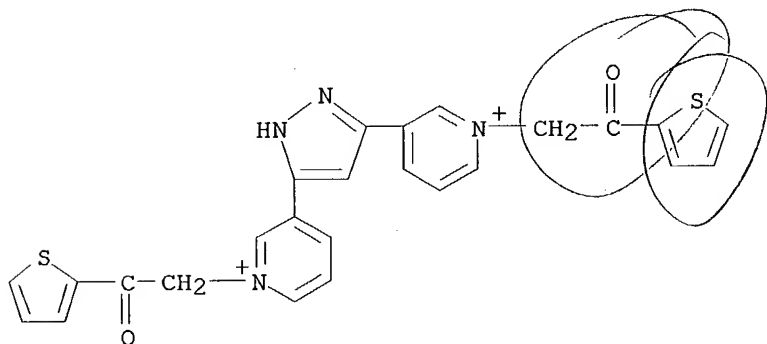
IT **473881-95-7P**, 3,5-Bis[1-[2-(thien-2-yl)-2-oxoethyl]pyridinium-3-yl]pyrazole dibromide

RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(AGE inhibitor; prepn. of pyrazolyl- and isoxazolylpyridinium halide AGE inhibitors by formation of diketo compds., cyclization, and quaternization)

RN 473881-95-7 CAPLUS

CN Pyridinium, 3,3'-(1H-pyrazole-3,5-diyl)bis[1-[2-oxo-2-(2-thienyl)ethyl]-, dibromide (9CI) (CA INDEX NAME)



●2 Br<sup>-</sup>

RE.CNT 7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:368337 CAPLUS

DN 133:4656

TI Preparation of heteroarylpyrazoles as p38 kinase inhibitors

IN Anantanarayan, Ashok; Clare, Michael; Collins, Paul W.; Crich, Joyce Z.;  
Devraj, Rajesh; Flynn, Daniel L.; Geng, Lifeng; Graneto, Matthew J.;  
Hanau, Cathleen E.; Hanson, Gunnar J.; Hartmann, Susan J.; Hepperle,  
Michael; Huang, He; Khanna, Ish K.; Koszyk, Francis J.; Liao, Shuyuan;  
Metz, Suzanne; Partis, Richard A.; Perry, Thao D.; Rao, Shashidhar N.;  
Selness, Shaun Raj; South, Michael S.; Stealey, Michael A.; Talley, John  
Jeffrey; Vazquez, Michael L.; Weier, Richard M.; Xu, Xiangdong; Yu, Yi

PA G.D. Searle and Co., USA

SO PCT Int. Appl., 1210 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000031063	A1	20000602	WO 1999-US26007	19991117
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	EP 1144403	A1	20011017	EP 1999-965756	19991117
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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	EE 200100268	A	20021216	EE 2001-268	19991117
	NZ 512344	A	20031128	NZ 1999-512344	19991117
	US 6525059	B1	20030225	US 2000-513351	20000224
	NO 2001002456	A	20010719	NO 2001-2456	20010518
	BG 105620	A	20020131	BG 2001-105620	20010619
PRAI	US 1998-196623	A	19981120		
	US 1997-47570P	P	19970522		
	US 1998-83670	A2	19980522		
	WO 1999-US26007	W	19991117		

OS MARPAT 133:4656

AB Title compds. [I; R1 = H, OH, NH2, (cyclo)alk(en)yl, acyl, aryl, etc.; R2 = H, halo, alkyl, alkoxy, (un)substituted piperidinyl, etc.; R3 = pyridyl, pyrimidinyl, quinolyl, etc.; R4 = H, alkyl, heterocyclyl, aryl, etc.] were prepd. by reaction of ketones with hydrazines. Thus, R3CH2COME (R3 = 4-pyridinyl) was condensed with 3,4-F(MeO)C6H3CHO and the product cyclocondensed with TsNHNH2 to give title compd. II. Data for biol. activity of I were given.

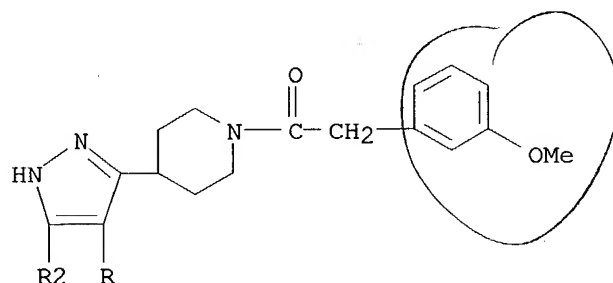
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216523-85-2P 216523-87-4P 216524-32-2P  
216524-96-8P 216525-00-7P 216525-02-9P  
216525-57-4P 216525-69-8P 216525-71-2P  
216525-72-3P 271576-62-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

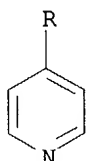
BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of heteroarylpyrazole p38 kinase inhibitors by  
 cyclocondensation of hydrazines with ketones)

RN 216523-75-0 CAPLUS

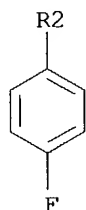
CN Piperidine, 4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-1-[(3-methoxyphenyl)acetyl]- (9CI) (CA INDEX NAME)



PAGE 1-A



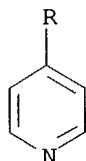
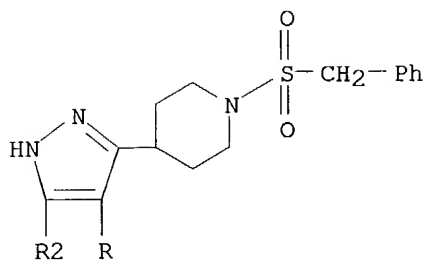
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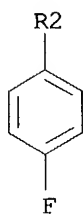
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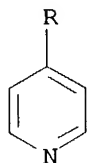
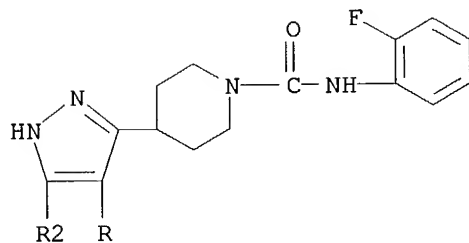


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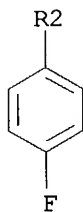


RN 216523-84-1 CAPLUS  
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PAGE 1-A

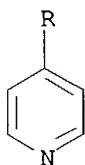
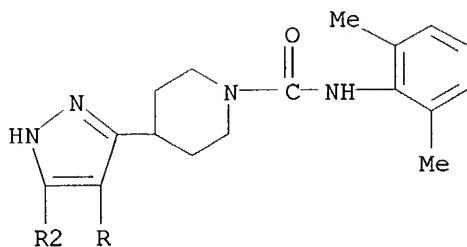


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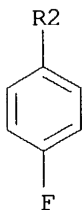


RN 216523-85-2 CAPLUS  
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PAGE 1-A



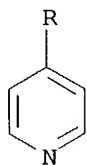
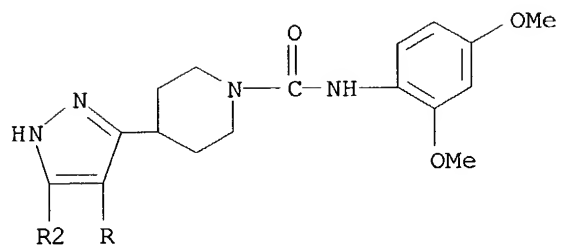
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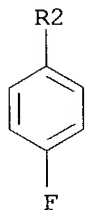
RN 216523-87-4 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(2,4-dimethoxyphenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



PAGE 1-A

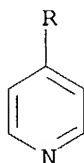
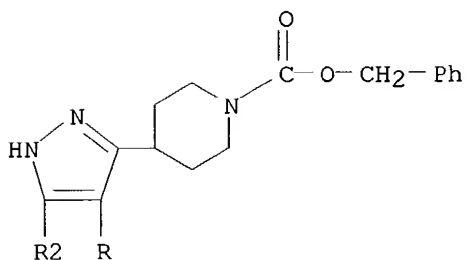


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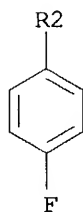


RN 216524-32-2 CAPLUS  
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PAGE 1-A

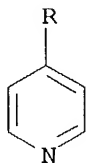
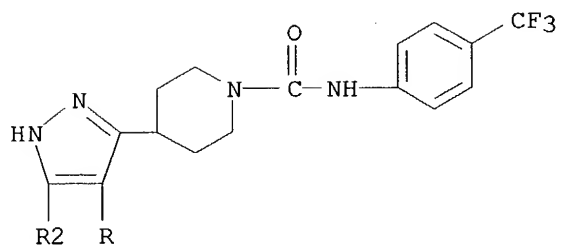


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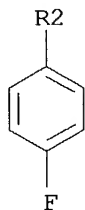


RN 216524-96-8 CAPLUS  
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PAGE 1-A

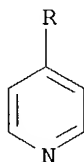
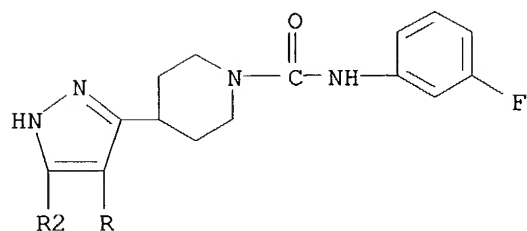


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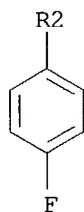


RN 216525-00-7 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(3-fluorophenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A

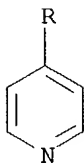
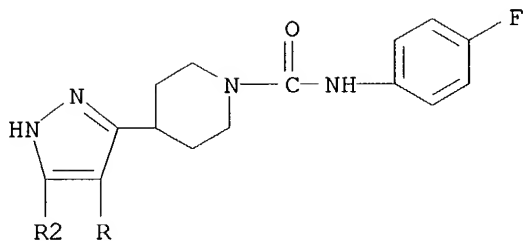


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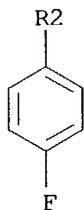


RN 216525-02-9 CAPLUS  
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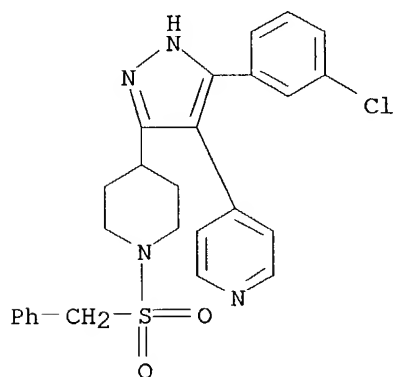
PAGE 1-A



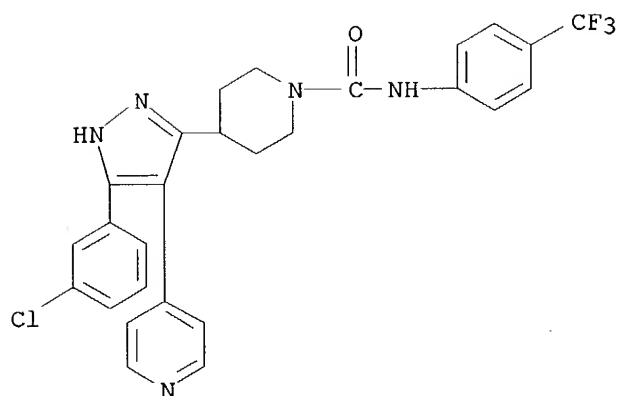
PAGE 2-A



RN 216525-57-4 CAPLUS  
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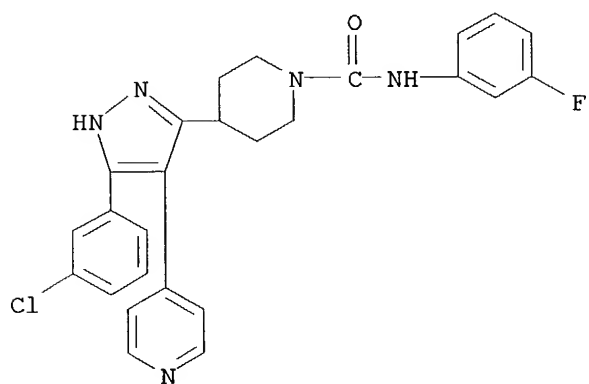


RN 216525-69-8 CAPLUS  
 CN 1-Piperidinecarboxamide, 4-[5-(3-chlorophenyl)-4-(4-pyridinyl)-1H-pyrazol-  
 3-yl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 216525-71-2 CAPLUS

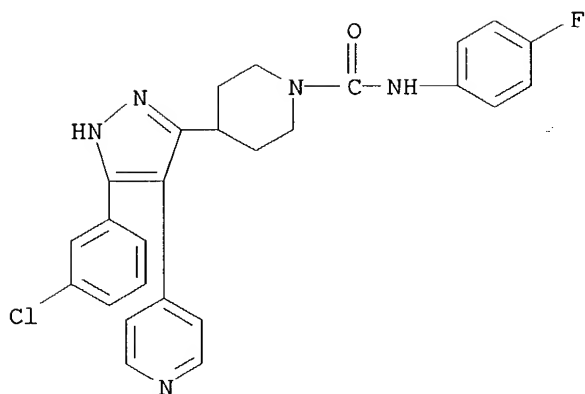
CN 1-Piperidinecarboxamide, 4-[5-(3-chlorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-N-(3-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 216525-72-3 CAPLUS

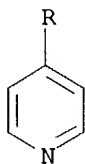
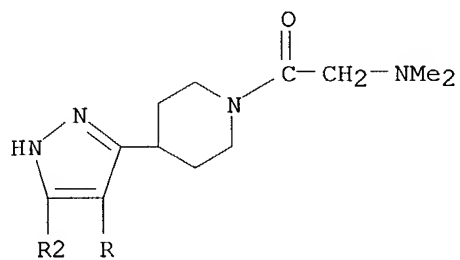
CN 1-Piperidinecarboxamide, 4-[5-(3-chlorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-N-(4-fluorophenyl)- (9CI) (CA INDEX NAME)

10/024,665 (af)

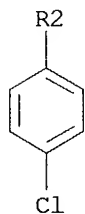


RN 271576-62-6 CAPLUS  
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PAGE 1-A



PAGE 2-A



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:789144 CAPLUS

DN 130:38377

TI Preparation of heteroarylpyrazoles as p38 kinase inhibitors

IN Anantanarayan, Ashok; Clare, Michael; Collins, Paul W.; Crich, Joyce  
 Zuowu; Devraj, Rajesh; Flynn, Daniel L.; Geng, Lifeng; Hanson, Gunnar J.;  
 Koszyk, Francis J.; Liao, Shuyuan; Partis, Richard A.; Rao, Shashidhar N.;  
 Selness, Shaun Raj; South, Michael S.; Stealey, Michael A.; Weier, Richard  
 M.; Xu, Xiangdong

PA G.D. Searle and Co., USA; et al.

SO PCT Int. Appl., 828 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
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	JP 2002508754	T2	20020319	JP 1998-550650	19980522
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	NO 9905695	A	20000121	NO 1999-5695	19991119
	MX 9910759	A	20000531	MX 1999-10759	19991122
PRAI	US 1997-47570P	P	19970522		
	WO 1998-US10436	W	19980522		

OS MARPAT 130:38377

AB Title compds. [I; R1 = H, NH2, (cyclo)alk(en)yl, acyl, aryl, etc.; R2 = H, halo, alkyl, alkoxy, etc.; R3 = pyridyl, pyrimidinyl, quinolyl, etc.; R4 = H, alkyl, heterocyclyl, aryl, etc.] were prep'd. Thus, R3CH2C(OMe) (R3 = 4-pyridinyl) was condensed with 3,4-F(MeO)C6H3CHO and the product cyclocondensed with TsNHNH2 to give title comp'd. II. Data for biol. activity of I were given.

IT 216523-75-0P 216523-79-4P 216523-84-1P

216523-85-2P 216523-87-4P 216524-32-2P

216524-96-8P 216525-00-7P 216525-02-9P

216525-57-4P 216525-69-8P 216525-71-2P

216525-72-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of heteroarylpyrazoles as p38 kinase inhibitors)

RN 216523-75-0 CAPLUS

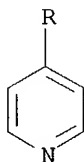
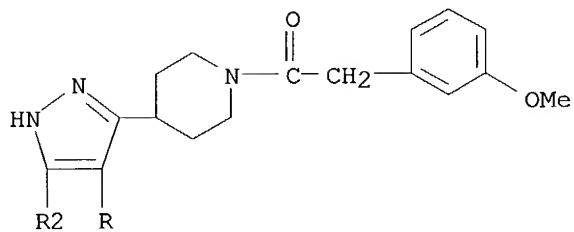
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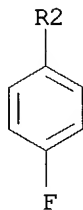
10/024,665 (af)

methoxyphenyl)acetyl]- (9CI) (CA INDEX NAME)

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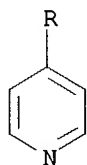
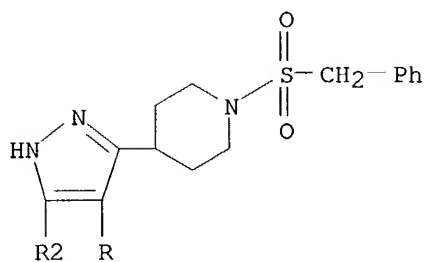


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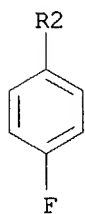


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CN Piperidine, 4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-1-  
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PAGE 1-A

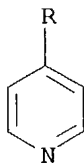
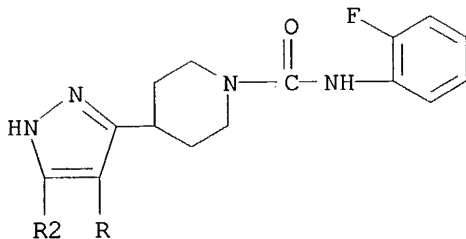


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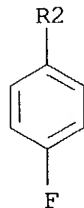


RN 216523-84-1 CAPLUS  
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PAGE 1-A

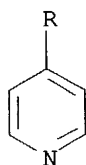
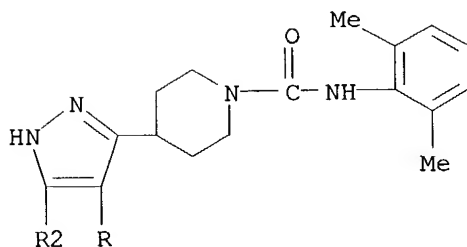


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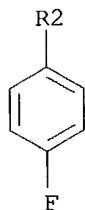


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PAGE 1-A

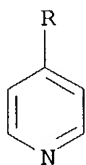
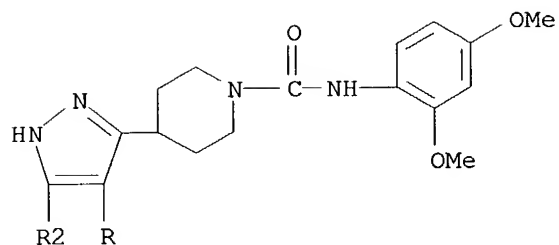


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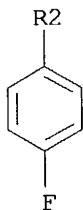


RN 216523-87-4 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(2,4-dimethoxyphenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A

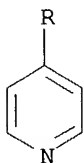
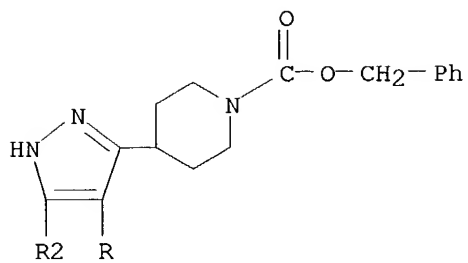


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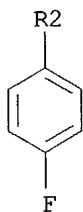


RN 216524-32-2 CAPLUS  
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PAGE 1-A

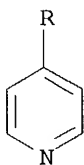
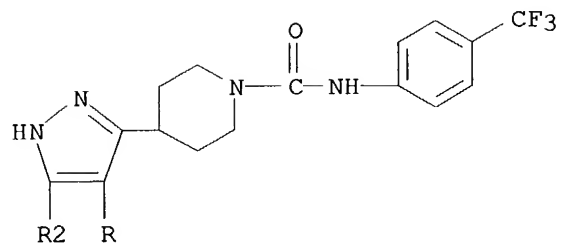


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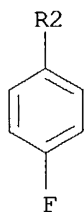


RN 216524-96-8 CAPLUS  
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PAGE 1-A

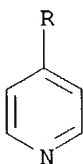
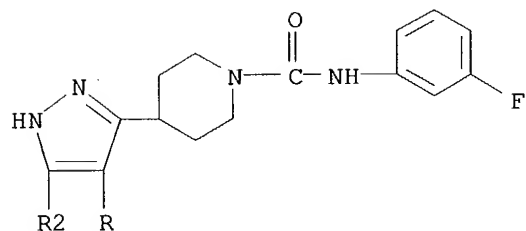


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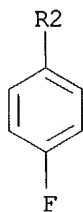


RN 216525-00-7 CAPLUS  
 CN 1-Piperidinecarboxamide, N-(3-fluorophenyl)-4-[5-(4-fluorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

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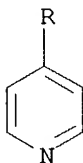
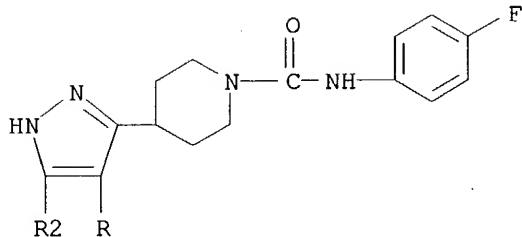
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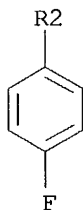
RN 216525-02-9 CAPLUS  
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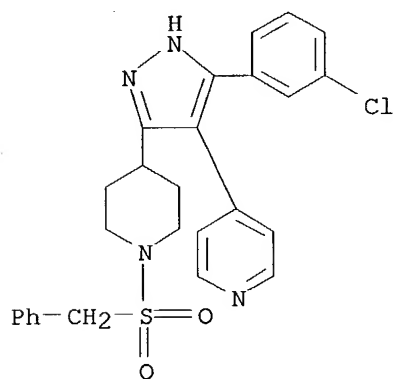
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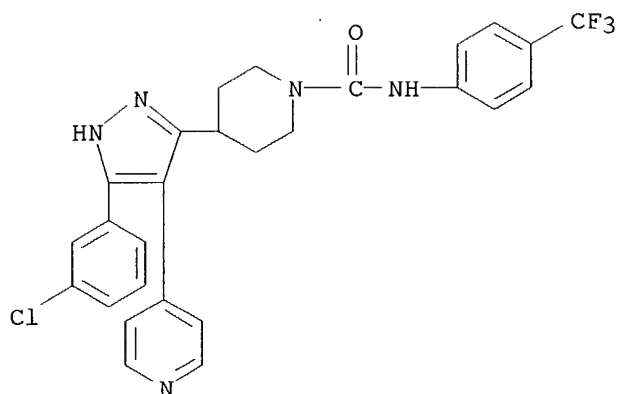
PAGE 2-A



RN 216525-57-4 CAPLUS  
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 [(phenylmethyl)sulfonyl]- (9CI) (CA INDEX NAME)

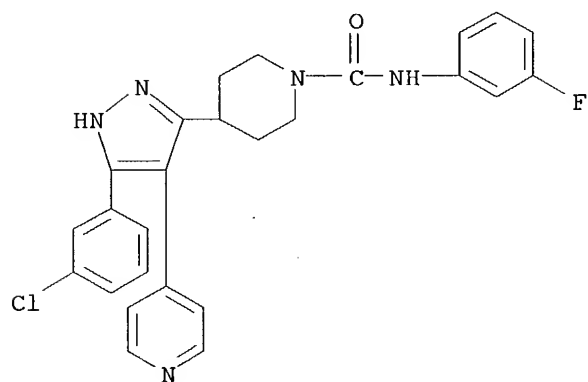


RN 216525-69-8 CAPLUS  
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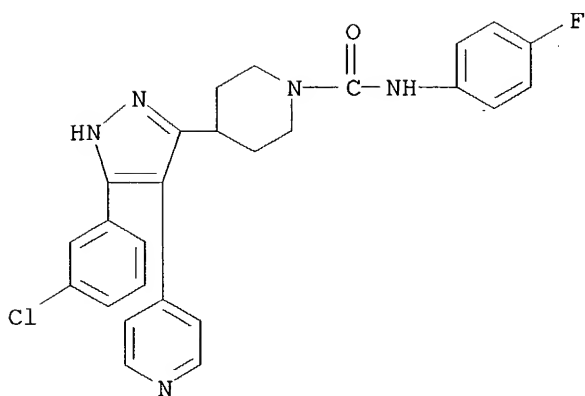
RN 216525-71-2 CAPLUS

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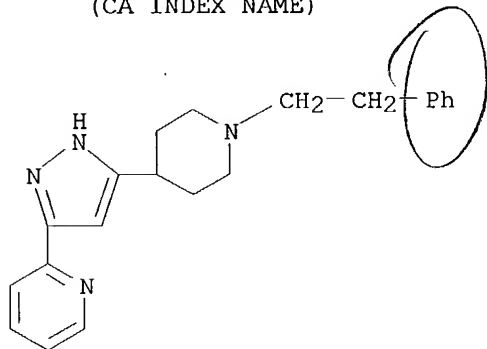
RN 216525-72-3 CAPLUS

CN 1-Piperidinecarboxamide, 4-[5-(3-chlorophenyl)-4-(4-pyridinyl)-1H-pyrazol-3-yl]-N-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RE.CNT 6      THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

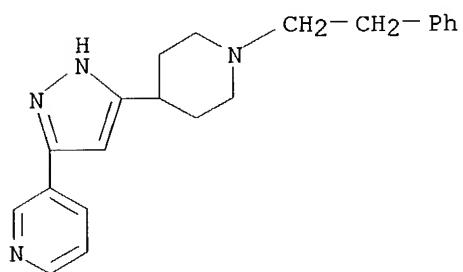
L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:436020 CAPLUS  
 DN 127:81332  
 TI 4-Heterocyclylpiperidines as Selective High-Affinity Ligands at the Human Dopamine D4 Receptor  
 AU Rowley, Michael; Collins, Ian; Broughton, Howard B.; Davey, William B.; Baker, Raymond; Emms, Frances; Marwood, Rosemarie; Patel, Shil; Patel, Smita; Ragan, C. Ian; Freedman, Stephen B.; Ball, Richard; Leeson, Paul D.  
 CS Neuroscience Research Centre, Merck Sharp and Dohme, Harlow/Essex, CM20 2QR, UK  
 SO Journal of Medicinal Chemistry (1997), 40(15), 2374-2385  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 AB 5-(4-Chlorophenyl)-3-(1-(4-chlorobenzyl)piperidin-4-yl)pyrazole was identified from screening of the Merck sample collection as a human dopamine D4 (hD4) receptor ligand with moderate affinity (61 nM) and 4-fold selectivity over human D2 (hD2) receptors. Four sep. parts of the mol. have been examd. systematically to explore structure-activity relationships with respect to hD4 affinity and selectivity over other dopamine receptors. It was found that the 4-chlorophenyl group attached to the pyrazole is optimal, as is the 4-substituted piperidine. The lipophilic group on the basic nitrogen is more amenable to change, with the optimal group found to be a phenethyl. The arom. heterocycle can be altered to a no. of different groups, with isoxazoles and pyrimidines showing improved affinities. This heterocycle can also be advantageously alkylated, improving the selectivity of the compds. over D2 receptors. It is hypothesized that the conformation around the bond joining the arom. heterocycle to the piperidine is important for D4 affinity. Putting all the favorable changes together led to the discovery that 5-(4-chlorophenyl)-4-methyl-3-(1-(2-phenylethyl)piperidin-4-yl)isoxazole (I) is a nanomolar antagonist at human dopamine D4 receptors with >500-fold selectivity over hD2 and >200-fold selectivity over hD3. I is an antagonist of hD4 receptors with good oral bioavailability of 38%, a half life of 2 h, and brain levels 10-fold higher than plasma levels.  
 IT **156337-22-3P 184374-56-9P 184374-60-5P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (prepn. of heterocyclylpiperidines as selective high-affinity ligands at the human dopamine D4 receptor)  
 RN 156337-22-3 CAPLUS  
 CN Pyridine, 2-[5-[1-(2-phenylethyl)-4-piperidiny]-1H-pyrazol-3-yl]- (9CI)  
 (CA INDEX NAME)



10/024,665 (af)

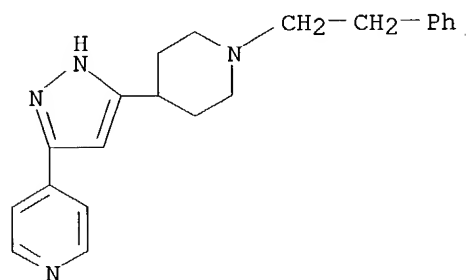
RN 184374-56-9 CAPLUS

CN Pyridine, 3-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI)  
(CA INDEX NAME)



RN 184374-60-5 CAPLUS

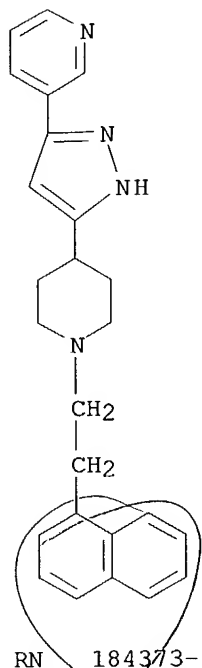
CN Pyridine, 4-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI)  
(CA INDEX NAME)



L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:751643 CAPLUS  
 DN 126:31349  
 TI Use of pyrazolylpiperidine derivatives as alpha 1a adrenergic receptor antagonists, for treatment of benign prostatic hypertrophy.  
 IN Payne, Linda S.; Young, Steven D.; Zaborowski, Mary Jo L.  
 PA Merck and Co., Inc., USA; Payne, Linda S.; Young, Steven D.; Zaborowski, Mary Jo L.  
 SO PCT Int. Appl., 94 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

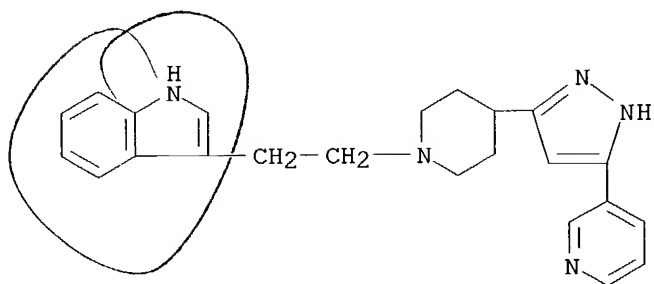
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	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5668148	A	19970916	US 1995-425969	19950420
	CA 2218391	AA	19961024	CA 1996-2218391	19960416
	AU 9655495	A1	19961107	AU 1996-55495	19960416
	AU 706092	B2	19990610		
	EP 822814	A1	19980211	EP 1996-912805	19960416
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 11504010	T2	19990406	JP 1996-531850	19960416
PRAI	US 1995-425969		19950420		
	WO 1996-US5251		19960416		
OS	MARPAT 126:31349				
AB	Compds. that specifically bind to the human .alpha.1a adrenergic receptor (no data), including compds. which are effective for reducing symptoms of benign prostatic hypertrophy, include compds. I [Ar1, Ar2 = arom., heteroarom., or condensed heteroarom. rings, (un)substituted with amino, alkoxy, sulfonamido, alkyl, heteroalkyl, halo; m = 0 or 1; n = 0, 1, or 2; het = arom. or nonarom. heterocyclic ring, substituted with alkyl, halo, or alkoxy substituents; and X = branched or straight chain aliph. or halo]. Over 30 target compds. were prepd., and the use of these and approx. 70 addnl. compds. is claimed. For example, 3-acetylpyridine was lithiated with LDA, and the product enolate reacted with the imidazolide of Boc-isonipecotic acid (prepd. using 1,1'-carbonyldiimidazole) to give intermediate II. This underwent deprotection with dry HCl in EtOAc, N-alkylation with 1-(2-bromoethyl)naphthalene, and cyclocondensation with hydrazine, to give title compd. III.				
IT	184373-98-6P 184373-99-7P 184374-11-6P 184374-19-4P 184374-20-7P 184374-21-8P 184374-22-9P 184374-23-0P 184374-24-1P 184374-25-2P 184374-26-3P 184374-32-1P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and use of pyrazolylpiperidine derivs. as .alpha.1a-adrenergic receptor antagonists)				
RN	184373-98-6 CAPLUS				
CN	Pyridine, 3-[5-[1-[2-(1-naphthalenyl)ethyl]-4-piperidinyl]-1H-pyrazol-3-				

yl]- (9CI) (CA INDEX NAME)



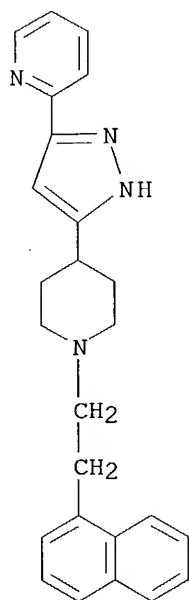
RN 184373-99-7 CAPLUS

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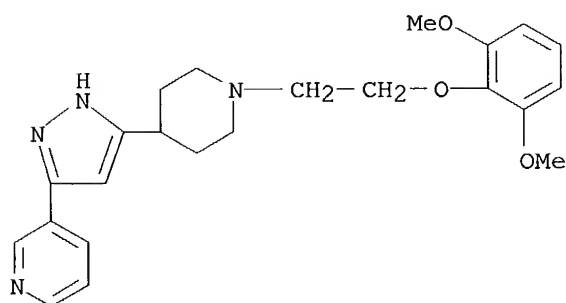


RN 184374-11-6 CAPLUS

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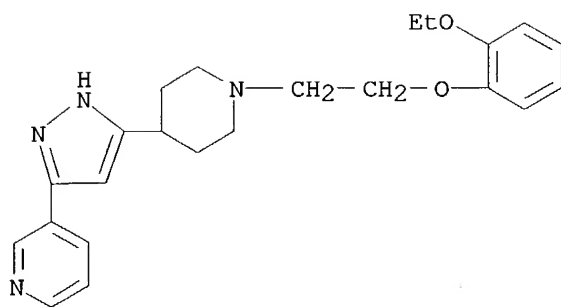


RN 184374-19-4 CAPLUS  
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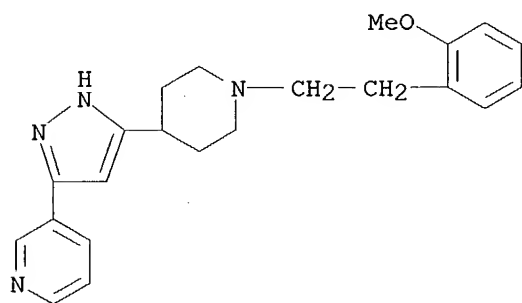
RN 184374-20-7 CAPLUS  
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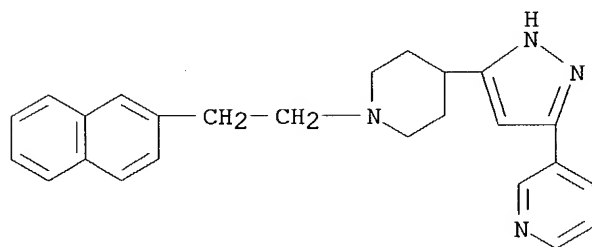
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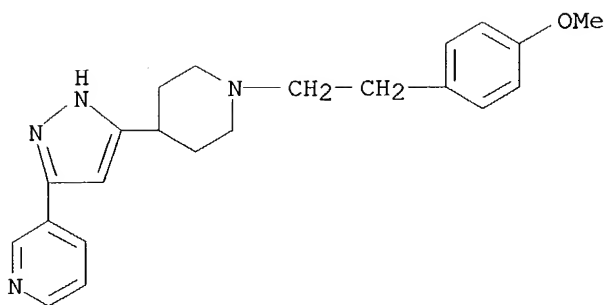
RN 184374-22-9 CAPLUS

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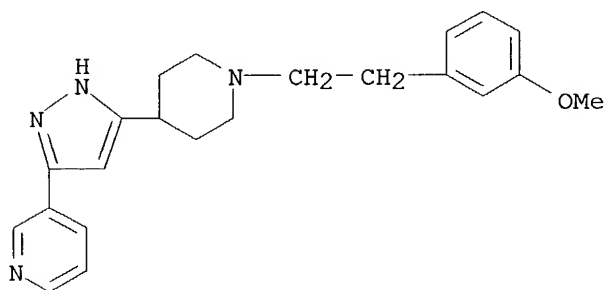
RN 184374-23-0 CAPLUS

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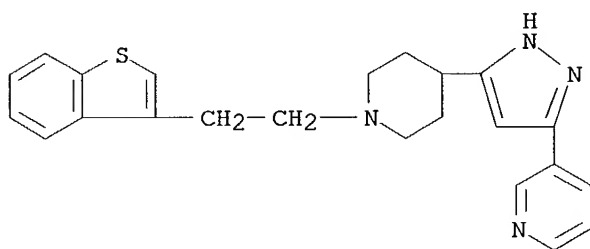
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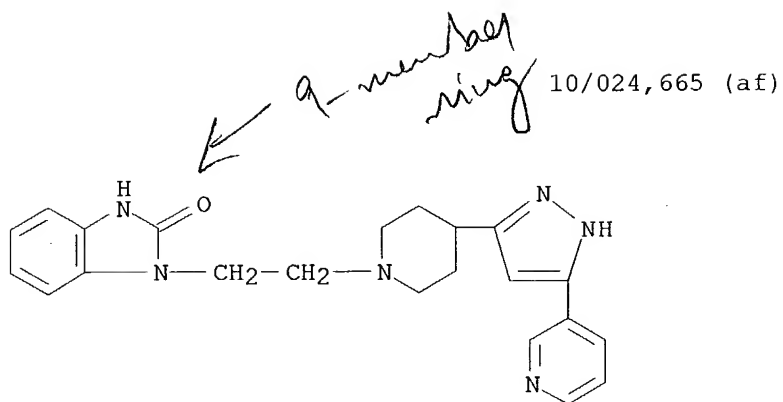
RN 184374-25-2 CAPLUS

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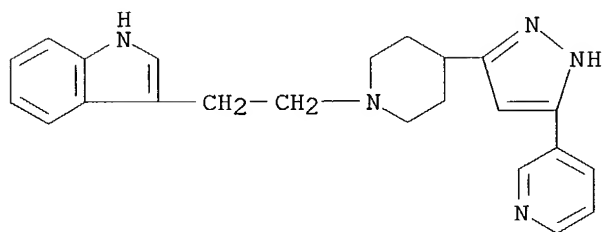


RN 184374-26-3 CAPLUS

CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[2-[4-[5-(3-pyridinyl)-1H-pyrazol-3-yl]-1-piperidinyl]ethyl]- (9CI) (CA INDEX NAME)

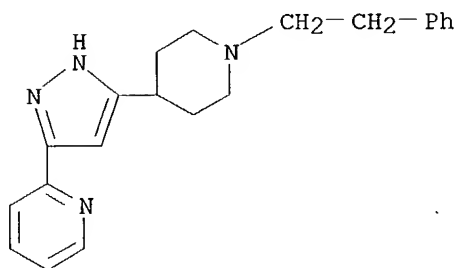


RN 184374-32-1 CAPLUS  
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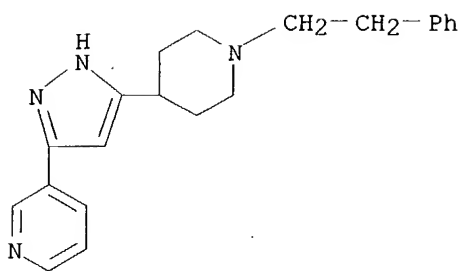
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IT 156337-22-3 184374-56-9 184374-60-5  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (prepn. and use of pyrazolylpiperidine derivs. as .alpha.1a-adrenergic receptor antagonists)  
 RN 156337-22-3 CAPLUS  
 CN Pyridine, 2-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



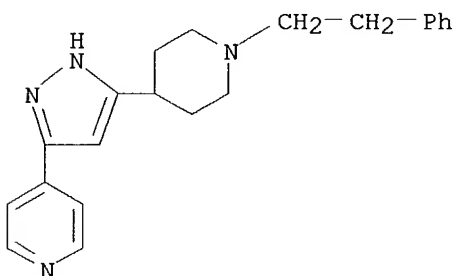
RN 184374-56-9 CAPLUS  
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10/024,665 (af)



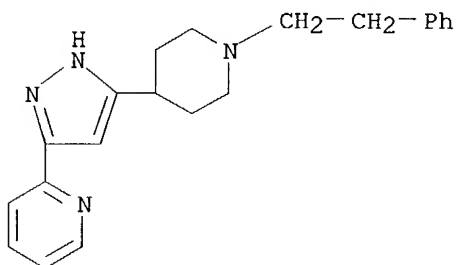
RN 184374-60-5 CAPLUS

CN Pyridine, 4-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI)  
(CA INDEX NAME)



L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:483041 CAPLUS  
 DN 121:83041  
 TI (Piperidinyl)pyrazoles and Analogs as Dopamine Receptor Subtype Ligands  
 IN Broughton, Howard Barff; Collins, Ian James; Baker, Raymond; Leeson, Paul  
 David; Rowley, Michael  
 PA Merck Sharp and Dohme Ltd., UK  
 SO PCT Int. Appl., 76 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9410145	A1	19940511	WO 1993-GB2190	19931022
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2146019	AA	19940511	CA 1992-2146019	19931022
	AU 9453414	A1	19940524	AU 1994-53414	19931022
	AU 678186	B2	19970522		
	EP 665833	A1	19950809	EP 1993-923608	19931022
	EP 665833	B1	19990714		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08502508	T2	19960319	JP 1993-510809	19931022
	AT 182139	E	19990715	AT 1993-923608	19931022
	ES 2133416	T3	19990916	ES 1993-923608	19931022
	US 5631269	A	19970520	US 1995-424364	19950420
PRAI	GB 1992-22263		19921023		
	GB 1992-22265		19921023		
	WO 1993-GB2190		19931022		
OS	MARPAT 121:83041				
AB	Pyrazoles and oxazoles and thiazoles I (X, Y = N, the other of X, Y = O, S, N; Q = heterocyclic ring; A = substituted Ph, pyridinyl, thioenyl, etc.; R1 = H, halo, alkyl, etc.) were disclosed. I are ligands for dopamine receptor subtypes within the body and are therefore useful in the treatment of disorders of the dopamine system, in particular schizophrenia. An example compd., 1-(4-chlorophenyl)-[5-(4-chlorophenyl)-1H-pyrazol-3-yl]piperidine (II) was prepd. Pharmacol. test data for I were not presented.				
IT	<b>156337-22-3P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, as antischizophrenic)				
RN	156337-22-3 CAPLUS				
CN	Pyridine, 2-[5-[1-(2-phenylethyl)-4-piperidinyl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)				



=> d his

(FILE 'HOME' ENTERED AT 17:59:12 ON 03 FEB 2004)

FILE 'REGISTRY' ENTERED AT 18:00:25 ON 03 FEB 2004

L1 STRUCTURE UPLOADED  
L2 0 S L1 SSS SAM  
L3 31 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 18:01:13 ON 03 FEB 2004

L4 10 S L3

FILE 'CAOLD' ENTERED AT 18:01:52 ON 03 FEB 2004

=> s 13

L5 0 L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

0.42

204.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE  
ENTRY

TOTAL  
SESSION

CA SUBSCRIBER PRICE

0.00

-6.93

STN INTERNATIONAL LOGOFF AT 18:02:03 ON 03 FEB 2004